

FIG. 1

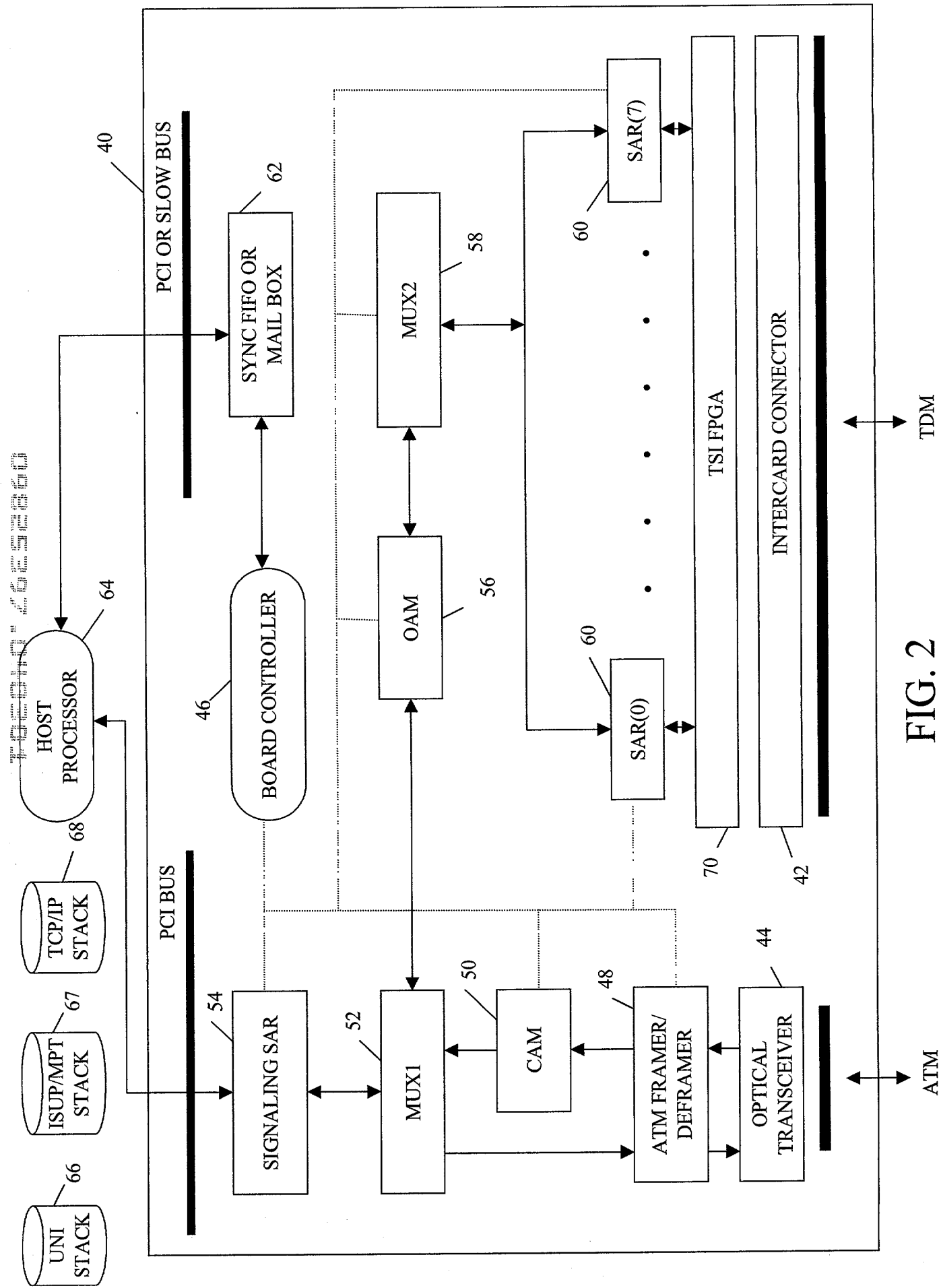


FIG. 2

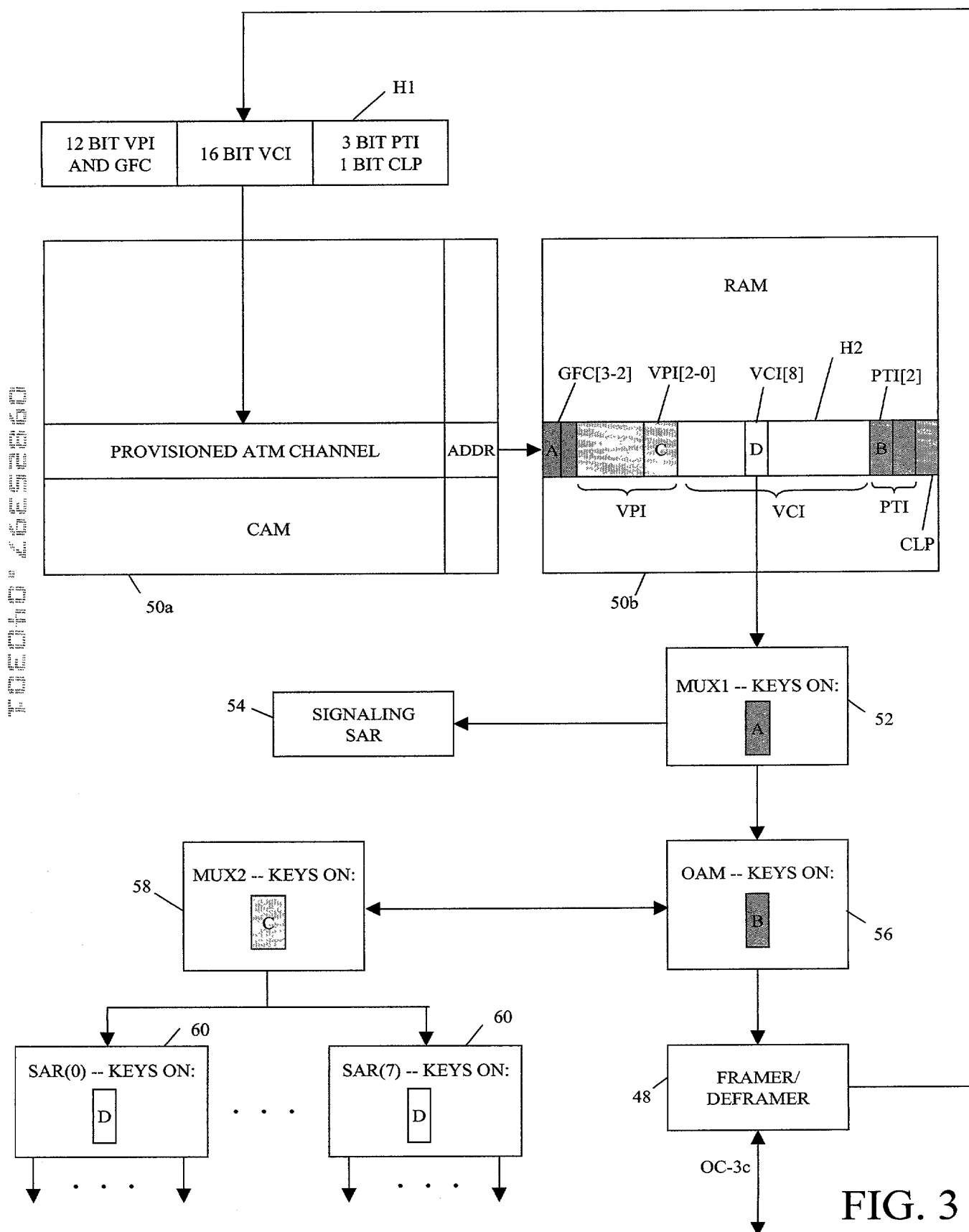


FIG. 3

CAM/AM CELL HEADER TRANSLATION

| HEADER FIELD | GFC 4-BIT | | VPI 8-BIT | | VCI 16-BIT | | | PTI 3-BIT | CL P | MUX1 | OAM | MUX2 | SAR |
|------------------------|-----------|-------------------------|-----------|---------|------------|---|---------------------|-----------|------|-------------------------------|-------------------------------|-----------------|------------------|
| BIT FIELD POSITION | 3-2 (A) | 1-0 | 7-3 | 2-0 (C) | 15-9 (D) | 8 | 7-0 | 2 1-0 (B) | 0 | KEY ON GFC[3-2] | KEY ON PTI[2] | KEY ON VPI[2-0] | KEY ON VCI[8] |
| AAL1 USER CELLS | 0 | X | X | ANY | X | 1 | ANY | 0 | X | 1-TO-4 DEMUX TO OAM | USER CELLS 0 PASS-THROUGH | 1-TO-8 DEMUX | 256 DS0 CHANNELS |
| SEG/END F5 OAM CELLS | 0 | X | X | =USER | X | 1 | SAME AS = USER | 1 | X | SAME AS ABOVE | OAM F5 CELLS ARE TERMINATED | N/A | N/A |
| SEG/END F4 OAM CELLS | 0 | X | ANY | ANY | X | 0 | SEG=3, END-TO-END=4 | 1 | X | SAME AS ABOVE | OAM VCI=3 OR 4 ARE TERMINATED | N/A | N/A |
| SIGNALING HAIRPIN | 0 | X | ANY | ANY | X | 0 | ANY | 0 | X | SAME AS ABOVE | PASS THROUGH | 1-TO-8 DEMUX | OAM QUEUE |
| UNHANDLED F5 OAM CELLS | 0 | X | X | =USER | 0 | 1 | SAME AS = USER | 0 | X | SAME AS ABOVE | PASS THROUGH | 1-TO-8 DEMUX | OAM QUEUE |
| UNHANDLED F4 OAM CELLS | 0 | X | ANY | ANY | X | 0 | SEG=3, END-TO-END=4 | 0 | X | SAME AS ABOVE | PASS THROUGH | 1-TO-8 DEMUX | OAM QUEUE |
| AAL5 DATA CELLS | 1 | ANY | ANY | ANY | ANY | A | ANY | 0 | X | 1-TO-4 DEMUX TO SIGNALING SAR | N/A | N/A | N/A |
| AAL5 F5 OAM CELLS | 1 | SAME AS AAL5 DATA CELLS | | | | | | | X | SAME AS ABOVE | N/A | N/A | N/A |
| AAL5 F4 OAM CELLS | 1 | ANY | ANY | ANY | ANY | 0 | SEG=3, END-TO-END=4 | X | X | SAME AS ABOVE | N/A | N/A | N/A |

FIG. 4

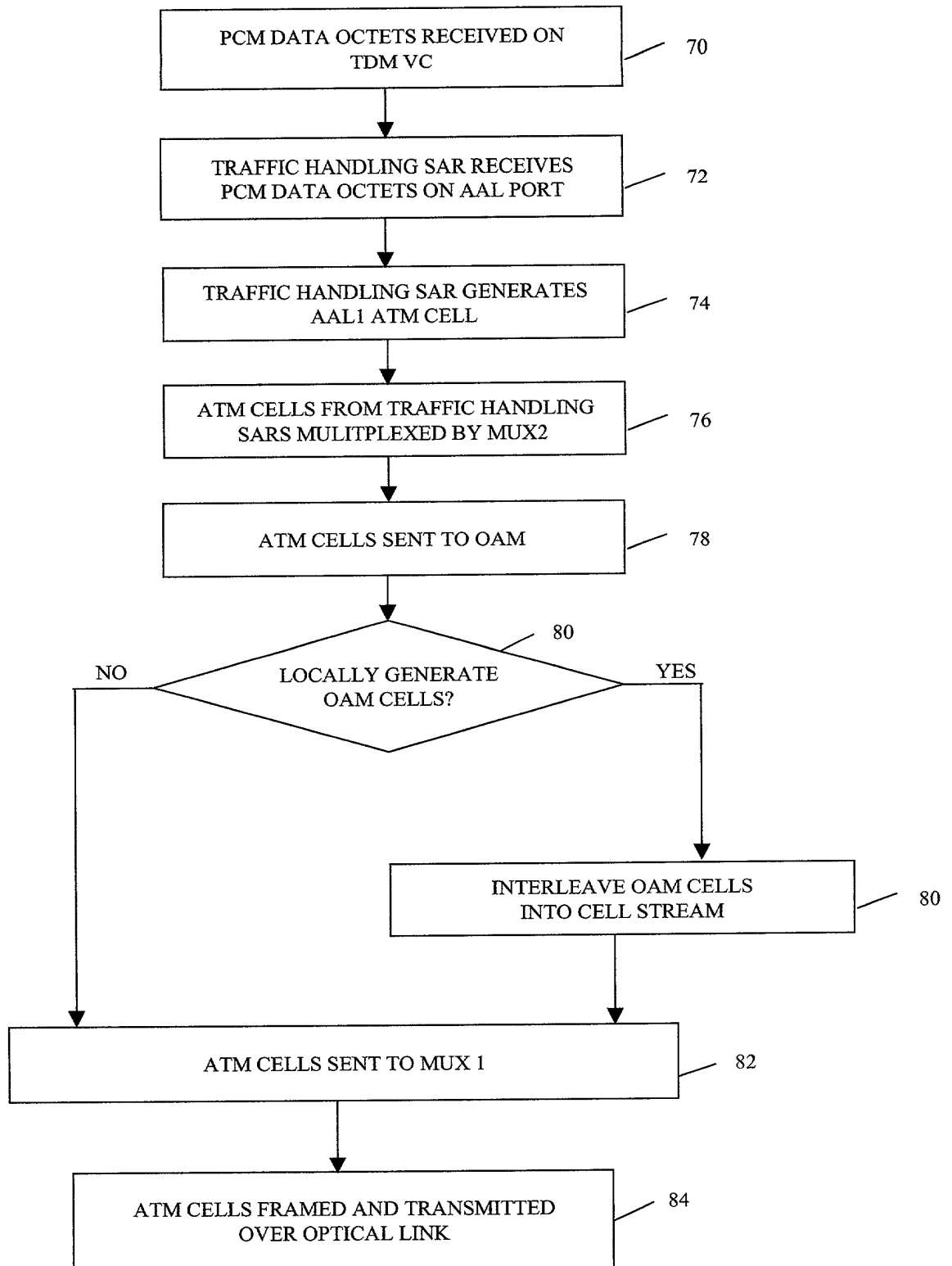
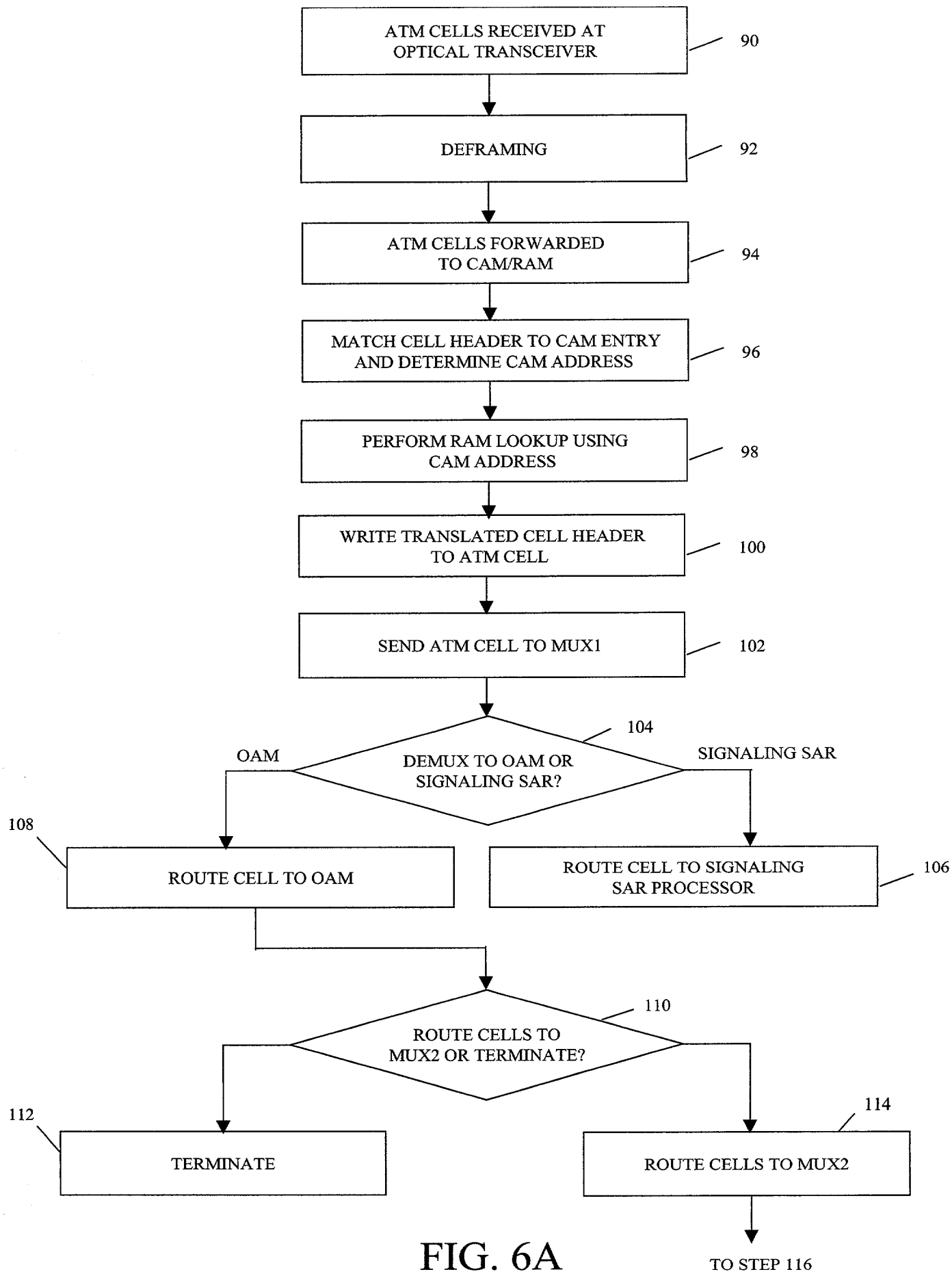


FIG. 5

FIG. 6A



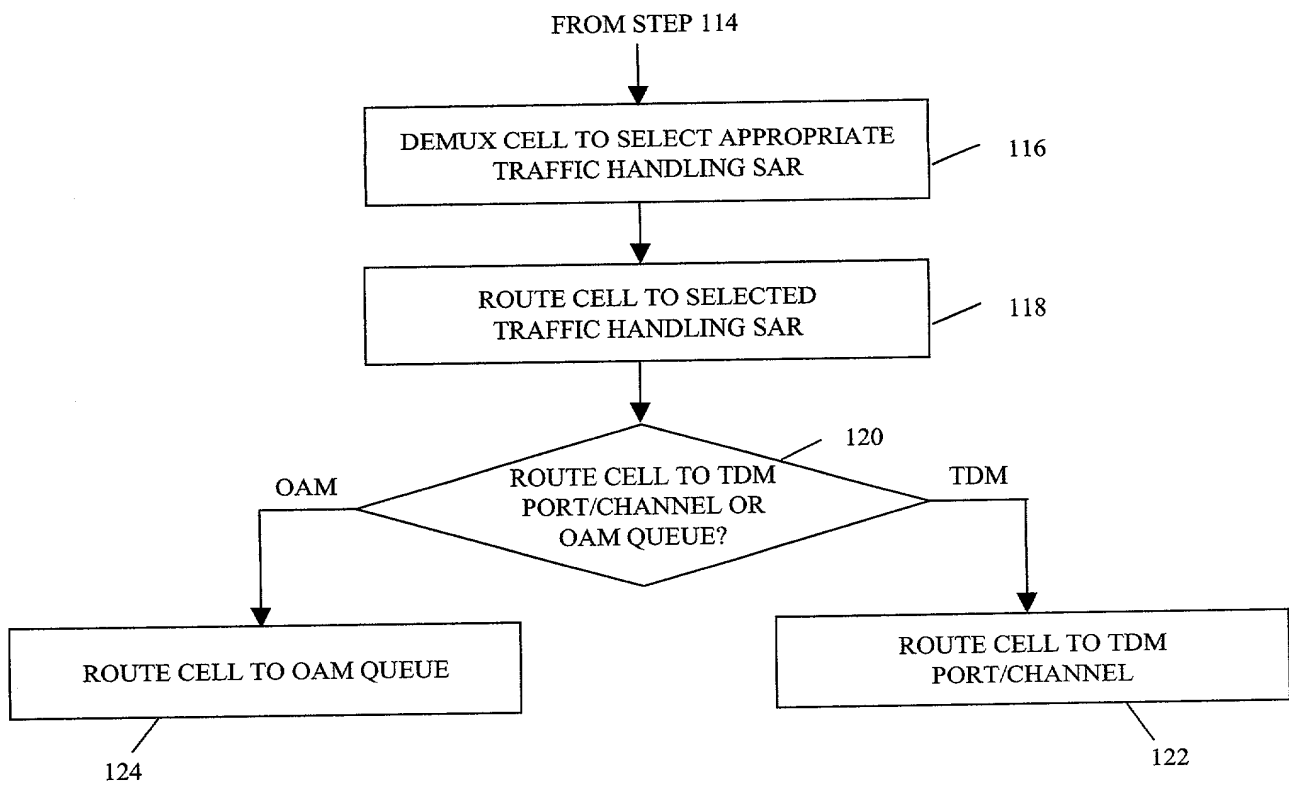


FIG. 6B